

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the application of:

RENEKER, Darrell, H.

Serial No: 10/597,899

Filed: April 23, 2007

For: MECHANICALLY ATTACHED MEDICAL  
DEVICE COATINGS

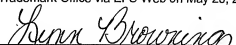
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) Lynn Browning assistant to Daniel J. Schilde  
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**REPLY TO OFFICE ACTION HAVING A MAIL DATE OF NOVEMBER 22, 2010**

Mail Stop: Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

OK TO ENTER: /A.B./

This reply is in response to the Final Office Action having a mail date of November 22, 2010 for which a three (3) month period of response was given. A Petition and fee for a three (3) month extension of time accompany this paper. Because May 22, 2011 fell on a Sunday, and because this reply is being filed on the next business day, i.e., Monday, May 23, 2011, this reply is being filed on time. The Commissioner is hereby authorized to charge any necessary fees to Deposit Account No. 50-0959 and Attorney Docket No. 089498.0489.US.

The Applicant, by and through its attorney, responds as follows:

**Amendment to the Claims** begin on page 2.

**Remarks/Arguments** begin on page 5.

**LISTING OF THE CLAIMS**

Claims 1-25 (canceled)

Claim 26 (currently amended) ~~The method of claim 22,~~

A method for attaching a fibrous coating to a substrate comprising the steps:

providing a substrate;

coating a first side of the substrate with a fibrous coating; and

forcing at least one fiber through an opening in the substrate,

wherein the fibrous coating includes fibers formed from one or more polyolefins, polyethylene, polypropylene, linear poly(ethylenimine), cellulose acetate, grafted cellulose, poly(L-lactic acid), poly(caprolactone), poly(ethyleneoxide), poly(hydroxyethylmethacrylate), poly(glycolic acid) or polyvinylpyrrolidone,

wherein the step of ~~pulling~~ forcing at least a portion of the fibrous coating through the at least one hole in the substrate is performed by pulling a substantially needle-like object through at least one hole in the substrate, wherein a portion of the fibrous coating is pulled through the at least one hole by the needle-like object.

Claim 27 (currently amended) ~~The method of claim 22,~~

A method for attaching a fibrous coating to a substrate comprising the steps:

providing a substrate;

coating a first side of the substrate with a fibrous coating; and

forcing at least one fiber through an opening in the substrate,

wherein the fibrous coating includes fibers formed from one or more polyolefins, polyethylene,

polypropylene, linear poly(ethylenimine), cellulose acetate, grafted cellulose, poly(L-lactic acid), poly(caprolactone), poly(ethyleneoxide), poly(hydroxyethylmethacrylate), poly (glycolic acid) or polyvinylpyrrolidone,

wherein the step of pulling ~~forcing~~ at least a portion of the fibrous coating through the at least one hole in the substrate is achieved by performing the additional steps:

inserting a portion of at least one substantially needle-like object through the at least one hole;

attaching at least one nanofiber to the substantially needle-like object; and  
withdrawing the substantially needle-like object from the at least one hole so that the at least one nanofiber is pulled through the at least one hole.

Claim 28 (currently amended)     ~~The method of claim 22 for attaching a fibrous coating to a substrate further comprising the steps:~~

A method for attaching a fibrous coating to a substrate comprising the steps:

providing a substrate;

coating a first side of the substrate with a fibrous coating; and

forcing at least one fiber through an opening in the substrate,

wherein the fibrous coating includes fibers formed from one or more polyolefins, polyethylene, polypropylene, linear poly(ethylenimine), cellulose acetate, grafted cellulose, poly(L-lactic acid), poly(caprolactone), poly(ethyleneoxide), poly(hydroxyethylmethacrylate), poly (glycolic acid) or polyvinylpyrrolidone,

applying a positively-charged fibrous coating to a first side of the substrate; and  
applying a negatively-charged fibrous coating to a second side of the substrate.

Claims 29-34 (canceled)

### REMARKS/ARGUMENTS

Applicant thanks Examiner for identifying the allowing the subject matter of claims 26-28. Applicant has adopted the Examiner's recommendation and rewritten claims 26-28 in independent form. All other pending claim have been canceled, and the application is now in condition for allowance.

Applicant therefore requests that a notice of allowance be issued with respect to claims 26-28.

If the Examiner wants to discuss any of the foregoing in more detail, please call the undersigned attorney.

Respectfully submitted,



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May 23, 2011